

Deep Water Horizon Oil Spill

Incident Action Plan (IAP) #4

(Field Version)



Operational Period: **Operation period 05/20/2010
through 05/24/2010**
Starting: 0700 2010/05/20
Ending: 0700 2010/05/24



"Chalmations"



"Plaquemine Reds"

1. Incident Name	2. Operational Period	ICS 202-EPA INCIDENT OBJECTIVES
Deep Water Horizon Oil Spill	Operation period 05/20/2010 through 05/24/2010	
3. Incident Objectives: <ol style="list-style-type: none"> 1) Ensure health and safety of responders and the public by conducting operations in accordance with approved site safety plan. 2) Coordinate with Federal, State, Tribal, and local representatives. 3) Conduct water sampling operations to determine a baseline in Plaquemines and St. Bernard Parish, LA. 4) Conduct sediment sampling operation to determine a baseline in Plaquemines and St. Bernard Parish, LA. 5) Conduct air sampling/monitoring operations to determine areas of concern in the Plaquemines and St. Bernard Parish, LA. 6) Provide ASPECT and TAGA support to areas directed by IC. 		
4. Operational Period Command Emphasis: <p>Air & Water sampling operations</p>		
5. Prepared by: (START)		Date / Time
Deborah Alaniz (START)		5/19/2010
6. Approved by: (Incident Commander)		Date / Time
Warren Zehner(EPA)		05/19/2010
INCIDENT OBJECTIVES		ICS 202-EPA

1. Incident Name Deep Water Horizon Oil Spill		2. Operational Period (Date/Time) From: 0700, 20 May 10 To: 0700, 24 May 10		Assignment List ICS 204-EPA	
3. Branch Environmental Branch		4. Division/Group/Staging Division Plaquemines			
5. Operations Personnel		Name	Affiliation	Contact # (s)	
Branch Operations Chief:		Warren Zehner	U.S. EPA	214-789-1585	
Division Supervisor:		Bill Rhotenberry	U.S. EPA	214-437-9804	
Division Lead START:		Jeff Wright	START	225-278-8406	
Air Sampling Lead START:		Paul Clarke	START	920-378-0484	
6. Resources Assigned "X" indicates 204a attachment with additional instructions					
Strike Team/Task Force/Resource Identifier	Leader	Contact Info. #	# of Persons	Reporting Info/Notes/Remarks	
Air Sampling Team 1	Paul Clarke	920-378-0484	7	Contact Div Supervisor /Division Lead (START)	<input type="checkbox"/>
START Team Members (6): Shift 1 (0700-1500)	Jim Wallis Larry Howard	334-332-7127 225-205-0885			
Shift 2 (1500-2300)	Patrick Wilkin Jim Stahling	225-802-2001 919-880-6507			
Shift 3 (2300-0700)	Kristen Aljoe Natanael Navarro	210-416-2686 361-443-5323			
7. Work Assignments					
1. Conduct air sampling at the following locations: V02(29.25274 N, 89.35750 W) US COAST GUARD STATION, Venice, LA V03(29.31449 N, 89.38433 W) Welding Supply Company, Boothville, LA V05(29.35699 N, 89.45487 W) Fort Jackson, LA Sample for VOCs and PM2.5, Monitor for VOC, H2S, CO Monitor for VOCs using colorimetric tubes if VOC action level (10 ppm) is exceeded					
8. Special Instructions					
1. Team Supervisors give comms/status reports to START Div Ld at 0900 and 1200. 2. Notify Div Sup if any health and safety issues occur. 3. Shift 1 to check in no later than 1500 at Division Plaquemines Command Post for debrief. Shift 2 to check in no later than 2300 at Division Plaquemines Command Post for debrief. Shift 3 to check in no later than 0700 at Division Plaquemines Command Post for debrief. 4. All media interest should be directed to Division Supervisor. 5. Complete 214B at end of shift and submit to START team lead.					
9. Communications (radio and/or phone contact numbers needed for this assignment)					
Name/Function		Phone			
Warren Zehner, Ops Chief		214-789-1585			
Bill Rhotenberry (EPA), Div Supv		214-437-9804			
Jeff Wright, START Div Ld		225-278-8406			
Paul Clarke, START Air Ld/ AST Shift 1 Lead		920-378-0484			
Patrick Wilkin, START Air Sampling Shift 2 Lead		225-802-2001			
Kristen Aljoe, START Air Sampling Shift 3 Lead		210-416-2686			
Jose Cervantes, START MCP/Network Team		972-979-2114			
Tom Walzer, START Data Management Team Ld		972-978-6699			
Margie Fitzgerald, START Field Cost Accountant		225-247-2264			
Deborah Alaniz, START Resources Team		512-423-8209			
See communications list for additional contact numbers					
Emergency Communications					
Medical 911		Evacuation		Other Safety Officer	
10. Prepared by		Date/Time		11. Reviewed by (OSC)	
Deborah Alaniz		19-May-10 / 21:10		Warren Zehner, OSC	
(START)					
				12. Reviewed by (OSC)	
				Date/Time	

1. Incident Name Deep Water Horizon Oil Spill		2. Operational Period (Date/Time) From: 0700, 20 May 10 To: 0700, 24 May 10		Assignment List ICS 204-EPA	
3. Branch Environmental Branch		4. Division/Group/Staging Division: Plaquemines			
5. Operations Personnel		Name	Affiliation	Contact # (s)	
Branch Operations Chief:		Warren Zehner	U.S. EPA	214-789-1585	
Division Supervisor:		Bill Rhotenberry	U.S. EPA	214-437-9804	
Division Lead START:		Jeff Wright	START	225-278-8406	
6. Resources Assigned		"X" indicates 204a attachment with additional instructions			
Strike Team/Task Force/Resource Identifier	Leader	Contact Info. #	# of Persons	Reporting Info/Notes/Remarks	
Mobil CP Task Force	Jeff Wright	225-278-8406	5	Contact Div Supervisor /Division Lead (START)	<input type="checkbox"/>
MCP/Network Team START (1)	Jose Cervantes	972-979-2114			
Data Management Team START (1)	Tom Walzer	713-705-1467			
Field Cost Accountant START (1)	Margie Fitzgerald	225-247-2264			
Resources Team (START (1))	Deborah Alaniz	512-423-8209			
7. Work Assignments					
<ol style="list-style-type: none"> Conduct support operations to Division Command Staff and all field teams. Conduct logistics support to MCP and all field operations. Provide field accounting support for cost documentation. 					
8. Special Instructions					
<ol style="list-style-type: none"> Team Supervisors give comms/status reports to START Div Ld at 1000 and 1500. Notify Div Sup if any health and safety issues occur. All teams check in no later than 2000 at Division Plaquemines Command Post for debrief. All media interest should be directed to Division Supervisor. 					
9. Communications (radio and/or phone contact numbers needed for this assignment)					
Name/Function		Phone			
Warren Zehner, Ops Chief		214-789-1585			
Bill Rhotenberry (EPA), Div Supv		214-437-9804			
Jeff Wright, START Div Ld		225-278-8406			
Paul Clarke, START Air Sampling Team Ld		334-332-7127			
See communications list for additional contact numbers					
Emergency Communications					
Medical 911		Evacuation		Other Safety Officer	
10. Prepared by Deborah Alaniz (START)		Date/Time 19-May-10 / 21:10		11. Reviewed by (OSC) Warren Zehner, OSC	
				Date/Time	
				12. Reviewed by (OSC) Date/Time	

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3. Branch Environmental Branch		4. Division/Group/Staging Division Plaquemines			
5. Operations Personnel		Name	Affiliation	Contact # (s)	
Branch Operations Chief:		Warren Zehner	U.S. EPA	214-789-1585	
Division Supervisor:		Bill Rhotenberry	U.S. EPA	214-437-9804	
Division Lead START:		Jeff Wright	START	225-278-8406	
6. Resources Assigned "X" indicates 204a attachment with additional instructions					
Strike Team/Task Force/Resource Identifier	Leader	Contact Info. #	# of Persons	Reporting Info/Notes/Remarks	
Water Sampling Team	Andy Kallus		2	Contact Div Supervisor /Division Lead (START)	<input type="checkbox"/>
Team Members: START (2)	Paul Novak				
7. Work Assignments					
1. Conduct water sampling at previous sampling locations as directed by the IC. Sampling operations will include collecting weathered oil/water mixtures in areas where oil is present and the collection of tarballs on oiled shorelines if present.					
8. Special Instructions					
1. Team Supervisors give comms/status reports to START Div Ld at 0600. 2. Notify Div Sup if any health and safety issues occur. 3. Water sampling team to check in no later than 2000 at Division: Plaquemines Command Post for debrief. 4. All media interest should be directed to Division Supervisor. 5. Use satellite phone 881641476533 as needed: (While using phone, dial 001 then phone number you are trying to reach)					
9. Communications (radio and/or phone contact numbers needed for this assignment)					
Name/Function		Phone	Satellite Phone		
Warren Zehner, Ops Chief		214-789-1585			
Bill Rhotenberry (EPA), Div Supv		214-437-9804	881641476533		
Jeff Wright, START Div Ld		225-278-8406			
Tom Walzer, START Data Management Team Ld		972-978-6699			
Jose Cervantes, START MCP/Network Team		972-979-2114			
Margie Fitzgerald, START Field Cost Accountant		225-247-2264			
Deborah Alaniz, START Resources Team		512-423-8209			
See communications list for additional contact numbers					
Emergency Communications					
Medical <u>911</u>		Evacuation _____		Other Safety Officer _____	
10. Prepared by Deborah Alaniz (START)		11. Reviewed by (OSC) Warren Zehner, OSC		12. Reviewed by (OSC)	
Date/Time 19-May-10 / 21:10		Date/Time		Date/Time	

1. Incident Name Deep Water Horizon Oil Spill		2. Operational Period (Date/Time) From: 0700, 20 May 10 To: 0700, 24 May 10		Assignment List ICS 204-EPA	
3. Branch Environmental Branch		4. Division/Group/Staging Division Chalmette			
5. Operations Personnel					
	Name	Affiliation	Contact # (s)		
Branch Operations Chief:	Warren Zehner	U.S. EPA	214-789-1585		
Division Supervisor:	Warren Zehner	U.S. EPA	214-789-1585		
Division Lead START:	David Bordelon	START	972-213-6618		
Air Sampling Lead START:	Tom Davis	START	484-880-5113		
6. Resources Assigned					
"X" indicates 204a attachment with additional instructions					
Strike Team/Task Force/Resource Identifier	Leader	Contact Info. #	# of Persons	Reporting Info/Notes/Remarks	
Air Sampling Team	Tom Davis	484-880-5113	7	Contact Div Supervisor /Division Lead (START)	<input type="checkbox"/>
START Team Members (6): Shift 1 (1800-0200)	Kevin Johnson Claire Odenweller	334-728-0126 937-475-1626		Air Sampling Lead (START)	
Shift 2 (0200-1000)	Terry Alexander Sheldon Bell	410-919-8319 224-717-4698			
Shift 3 (1000-1800)	Brendan Hughes Randy Mileur	832-367-9260 907-230-8612			
7. Work Assignments					
1. Conduct air sampling at the following locations: C02 - located at Fire Station number 8, Poydras LA - 29.86609N. -89.89108W C04 - located at Fire Station on Aycock St in Chalmette, LA - 29.96082, -90.00132 C05 - located at Fire Station number 11, Hopedale, LA, - 29.84049, -89.68980 Sample for VOCs and PM2.5, Monitor for VOC and PM10 Monitor for VOCs using colorimetric tubes if VOC action level (10 ppm) is exceeded					
8. Special Instructions					
1. Team Supervisors give comms/status reports to START Div Ld at 1300 & 1700 for Shift 1, 2000 for Shift 2 and 1000 for Shift 3. 2. Notify Div Sup if any health and safety issues occur. 3. Shift 1 to check in at 1000 and 1800 at Chalmette LRV Command Post for debrief. Shift 2 to check in at 1800 and 0200 at Chalmette LRV Command Post for debrief. Shift 3 to check in at 0200 and 1000 at Chalmette LRV Command Post for debrief. 4. All media interest should be directed to Division Supervisor.					
9. Communications (radio and/or phone contact numbers needed for this assignment)					
Name/Function		Phone			
Warren Zehner, Ops Chief/Div Supv		214-789-1585			
David Bordelon, START Div Ld		225-772-7921			
Tom Davis, START		484-880-5113			
Fran Curtis, START IT Team Ld		610-999-0989			
Lupe Cavazos, START Field Cost Accountant		210-288-5126			
Lauren Pesce, START Resources Team		978-771-8487			
See communications list for additional contact numbers Emergency Communications Medical <u>911</u> Evacuation _____ Other Safety Officer _____					
10. Prepared by David Bordelon		Date/Time 19-May-10 / 21:10		11. Reviewed by (PSC) Warren Zehner, OSC	
Date/Time 19-May-10 / 21:10		12. Reviewed by (OSC) Warren Zehner, OSC		Date/Time 19-May-10 / 21:10	

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3. Branch Environmental Branch		4. Division/Group/Staging Division Chalmette			
5. Operations Personnel					
	Name	Affiliation	Contact # (s)		
Branch Operations Chief:	Warren Zehner	U.S. EPA	214-789-1585		
Division Supervisor:	Eric Nold	U.S. EPA	816-718-4274		
Water Sampling Team Lead EPA	Paul Doherty	U.S. EPA	913-645-6449		
Division Lead START	David Bordelon	START	225-772-7921		
Water Sampling Team Lead START	Jarrold Redwine	START	806-438-2464		
6. Resources Assigned					
"X" indicates 204a attachment with additional instructions					
Strike Team/Task Force/Resource Identifier	Leader	Contact Info. #	# of Persons	Reporting Info/Notes/Remarks	
Water Sampling Team 1	Eric Nold	816-718-4274		Contact Div Supervisor /Division Lead (EPA)	<input type="checkbox"/>
Team Members: EPA	Paul Doherty Eric Nold	913-645-6449 816-718-4274	2	Water Sampling Group Lead (EPA)	
Team Members: START (1)	Jarrold Redwine	806-438-2464	1	Water Sampling Group Lead (START)	
7. Work Assignments					
2. Conduct water/sediment sampling in the Timbalier, Terrebonne and Barataria Bay systems in the Gulf of Mexico and coastal marshes in Terrebonne, Lafourche, and Jefferson Parishes at the following locations: Targets: Environmental Unit provided pre-designated sampling points 0008-0010, and NCA10 points 2331, 2337, 1336, 2333, 1328, 1332, 2327, 2338, 2331, 1333, 2335, and 2339					
8. Special Instructions					
1. Team Supervisors give comms/status reports to START Div Ld at 0800. 2. Notify Div Sup if any health and safety issues occur. 3. All teams check in no later than 2000 at Chalmette Division Command Post for debrief. 4. All media interest should be directed to Division Supervisor.					
9. Communications (radio and/or phone contact numbers needed for this assignment)					
Name/Function		Phone			
Warren Zehner, Ops Chief/Div Supv		214-789-1585			
Eric Nold, Division Supervisor		816-718-4274			
Paul Doherty, Water Sampling Team Lead		913-645-6449			
David Bordelon, START Div Ld		225-772-7921			
Jarrod Redwine, START Water Sampling Team 1		248-939-7824			
Fran Curtis, START IT Team Ld		610-999-0989			
Lupe Cavazos, START Field Cost Accountant		210-288-5126			
Lauren Pesce, START Resources Team		978-771-8487			
See communications list for additional contact numbers Emergency Communications Medical <u>911</u> Evacuation _____ Other <u>Safety Officer</u>					
10. Prepared by		Date/Time		11. Reviewed by (PSC)	
David Bordelon		19-May-10 / 21:10		Warren Zehner, OSC	
				12. Reviewed by (OSC)	
				Date/Time	

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3. Branch Environmental Branch		4. Division/Group/Staging Division Chalmette			
5. Operations Personnel		Name	Affiliation	Contact # (s)	
Branch Operations Chief:		Warren Zehner	U.S. EPA	214-789-1585	
Division Supervisor:		Warren Zehner	U.S. EPA	214-789-1585	
Division Lead START:		David Bordelon	START	225-772-7921	
6. Resources Assigned "X" indicates 204a attachment with additional instructions					
Strike Team/Task Force/Resource Identifier	Leader	Contact Info. #	# of Persons	Reporting Info/Notes/Remarks	↓
Mobil CP Task Force	David Bordelon	225-772-7921	6	Contact Div Supervisor /Division Lead (START)	<input type="checkbox"/>
MCP/Network Team START (1)	Jose Cervantes	972-979-2114			
Data Management Team START (1)	Fran Curtis	610-999-0989			
Field Cost Accountant START (1)	Lupe Cavazos	210-288-5126			
Resources Team (START (1)	Lauren Pesce	978-771-8487			
7. Work Assignments					
<ol style="list-style-type: none"> 1. Conduct support operations to Division Command Staff and all field teams. 2. Conduct logistics support to MCP and all field operations. 3. Provide field accounting support for cost documentation. 					
8. Special Instructions					
<ol style="list-style-type: none"> 1. Team Supervisors give comms/status reports to START Div Ld at 1000 and 1500. 2. Notify Div Sup if any health and safety issues occur. 3. All teams check in no later than 2000 at Chalmette Division Command Post for debrief. 4. All media interest should be directed to Division Supervisor. 					
9. Communications (radio and/or phone contact numbers needed for this assignment)					
Name/Function		Phone			
Warren Zehner, Ops Chief/Div Supv		214-789-1585			
David Bordelon, START Div Ld		225-772-7921			
Tom Davis, START Air Sampling Team Ld		484-880-5113			
Curtis Franklin, START Water Sampling Team Ld		817-229-1222			
See communications list for additional contact numbers					
Emergency Communications					
Medical <u>911</u>		Evacuation _____		Other <u>Safety Officer</u>	
10. Prepared by David Bordelon		Date/Time 19-May-10 / 21:10		11. Reviewed by (OSC) Warren Zehner, OSC	
				Date/Time	
				12. Reviewed by (OSC) Date/Time	

Contact List			Incident Name	2. Operational Period Date/Time
			Deepwater Horizon Oil Spill	Starting: 0700 2010/05/20 Ending: 0700 2010/05/24
Last Name	First Name	Cell #		Activity
USEPA				
Zehner	Warren	214.789.1585		Incident Commander
Ruhl	Chris	214.789.9587		Deputy Incident Commander
McAteer	Mike	214.354.9371		Division Sup-Plaquemines
Rhotenberry	William	214.437.9804		Division Sup-Plaquemines
Brescia	Nick	214.665.2291		Division Sup-Plaquemines
Bradley	Dave	214-789-9182		Logistics
Paisley	Eric	214-789-8750		Logistics
START 3				
Bordelon	David	225-772-7921		Mobil CP Task Force- Team Lead -Chalmette
Latham	Janine	215-620-5664		Mobil CP Task Force-Data Management-Chalmette
Curtis	Fran	610.999.0989		Mobil CP Task Force-Data Management-Chalmette
Latham	Ben	972-213-6618		Mobil CP Task Force- Team Lead -Venice
Wright	Jeff	225-278-8406		Mobil CP Task Force- Team Lead -Venice
Franklin	Curtis	817-229-1222		Water Sampling Team- Team Lead -Chalmette
Redwine	Jarrod	806-438-2464		Water Sampling Team-1-Chalmette
Bryniarski	Jeff	708-284-2490		Water Sampling Team-1-Chalmette
Pelc	Dayna	484-947-9670		Air Sampling Team- Lead-Chalmette
Davis	Tom	484-880-5113		Air Sampling Team- Lead-Chalmette
Wilson	Mark	337-581-8430		Air Sampling Team-Chalmette
Sylveria	Warren	302-462-0164		Air Sampling Team-Chalmette
Turner	Pat	843-469-5811		Air Sampling Team-Chalmette
Alexander	Terry	410-919-8319		Air Sampling Team-Chalmette
Wood	Jeremy	334-663-3886		Air Sampling Team-Chalmette
Odenweller	Claire	937-475-1626		Air Sampling Team-Chalmette
Johnson	Kevin	334-728-0126		Air Sampling Team-Chalmette
Thomason	Greg	512-417-5543		Mobil CP Task Force-GIS-Chalmette
Hughes	Brendan	832-367-9260		Mobil CP Task Force-GIS-Chalmette
Brown	Jean	400-406-2813		Mobil CP Task Force-Finance-Chalmette
Cavazos	Lupe	210-288-5126		Mobil CP Task Force-Finance-Chalmette
Cook	Lauren	978-771-8487		Mobil CP Task Force- Resources-Chalmette
Ambrosio	Lorie	248-798-4089		Mobil CP Task Force- Resources-Chalmette
Cheek	Sam	972.977.1579		Asst. Health and Safety Officer-Chalmette
Clarke	Paul	920-378-0484		Air Sampling Team- Lead -Plaquemines
Wallis	Jim	334-332-7127		Air Sampling Team-Plaquemines
Wilken	Patrick	225-802-2001		Air Sampling Team-Plaquemines
Navarro	Nata	361-443-5323		Air Sampling Team-Plaquemines
Beer	Matt	248-939-7824		Air Sampling Team-Plaquemines
Aljoe	Kristen	210-416-2686		Air Sampling Team-Plaquemines
Fitzgerald	Margie	225-247-2254		Mobil CP Task Force-Finance-Plaquemines
Cervantes	Jose	972-979-2114		Network Admin
Ma	Long	972-978-6699		Mobil CP Task Force-Data Management-Plaquemines
Staudt	Stephanie	713-819-5702		Mobil CP Task Force- Resources-Venice
Alaniz	Deborah	512-423-8209		Mobil CP Task Force- Resources-Venice

Address

Plaquemines-	42660 HWY 23	Venice, LA 70091		
LDEQ	201 EVANS, Suite 420	Harahan, LA 70123		
Chalmette	St. Bernard Fire Station #8	Violet, LA		
Prepared by (Communications Unit)	Approved by (Logistics Section Chief)	Date	Time	
Samuel Cheek	Warren Zehner	5/19/2010	1730	

1. Incident Name: Deep Water Horizon Oil Spill		2. Operational Period: From 05/20/10 0700 To 05/24/10 0700			MEDICAL PLAN ICS 206 - EPA				
3. Incident Medical Aid Station									
Medical Aid Stations		Location			Paramedics				
					Yes	No			
					<input type="checkbox"/>	<input type="checkbox"/>			
					<input type="checkbox"/>	<input type="checkbox"/>			
					<input type="checkbox"/>	<input type="checkbox"/>			
4. Transportation									
A. Ambulance Services									
Name		Address		Phone		Paramedics			
						Yes	No		
Houma- Acadian Ambulance Service		1018 Bond Street, Houma, LA 70363		337-291-3333		<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Chalmette- Acadian Ambulance Service		7532 West Judge Perez, Arabi, LA 70032		504-682-9550		<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Venice- Plaquemines Parish Government		28028 HWY 23, Port Sulphur, LA 70083		504-564-1787		<input checked="" type="checkbox"/>	<input type="checkbox"/>		
B. Incident Ambulances									
						<input type="checkbox"/>	<input type="checkbox"/>		
						<input type="checkbox"/>	<input type="checkbox"/>		
7. Hospitals									
Name		Address		Travel Time		Helipad		Burn Center	
				Air	Ground			Yes	No
Houma-Leonard J. Chabert Medical		1978 Industrial Blvd, Houma, LA 70363			15 min from CP	985-873-2200		<input checked="" type="checkbox"/>	<input type="checkbox"/>
Chalmette-Tulane Hospital		1415 Tulane Ave., New Orleans, LA 70112			30 min from CP	504-988-5863		<input checked="" type="checkbox"/>	<input type="checkbox"/>
Venice- Oschner Medical Center-WB		2500 Belle Chasse Hwy, Terrytown, LA 70056			1 hr from CP	504-391-5454		<input type="checkbox"/>	<input checked="" type="checkbox"/>
								<input type="checkbox"/>	<input type="checkbox"/>
8. Medical Emergency Procedures									
Water operations: In the event of a medical emergency at sea personnel will contact the United States Coast Guard.									
Coast Guard contact information: VHF Radio-									
Channel 16	Ship Transmit MHZ 156.800	Ship Receive MHZ 156.800	International Distress, Safety and Calling. Ships required to carry radio, USCG, and most coast stations maintain a listening watch on this channel						
In the event of a medical emergency at air monitoring locations and/or during land operations personnel will contact 911 and provide directions to the incident location if necessary.									
9. Prepared by (Medical Unit Leader)			Date/Time		10. Reviewed by (Safety Officer)			Date/Time	

1. Incident Name		2. Operational Period		Date / Time		INCIDENT ACTION PLAN SAFETY ANALYSIS ICS 215a - EPA							
Deepwater Horizon Oil Spill – Gulf of Mexico		Starting: 05/20/2010 0700 Ending: 05/24/2010 0700											
4. Risk												5. Risk Mitigations	
Division / Group	Heat Stress	Communications	Slips/Trips/Falls	Water Safety	Animals	HAZMAT Operations	Proper PPE	Personal Hygiene	Chemical Hazards				
Protective Booming/ Water Ops	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
<p>Minimum Level D. Following proper protocol when working over water. Beware of emerged debris and sharp objects that can strike water craft. Watch out for snakes and other wildlife. Attempt to minimize slips, trips, and falls by making use of hand holds and appropriate nonslip footwear. Watch for bubbles and unusual odors around gas pipelines. Minimize contact with water, do not swallow the water. Insure all personnel wear approved US Coast Guard PFDs. Equip boat with USCG approved water rescue equipment. Apply sunscreen to exposed areas prior to launch. Apply mosquito repellant as needed. Bring water for hydration. Insure all personnel have emergency numbers and appropriate evacuation procedures and training on communication equipment. For any chemical hazards, review the HASP.</p>													
6. Prepared By: (Name and Position)												Date	Time
George P. Brozowski – IMT Safety Officer												05/18/2010	1600
IAP SAFETY ANALYSIS												ICS 215a - EPA	

Sea Sickness Precautions

Motion sickness can occur when the sensory inputs about body position contradict what is expected. It can be provoked by abrupt changes in movement, such as during bumpy rides, turbulent flights, and rough seas. It can also occur when one is exposed to moving visual scenes while the body is in a relatively fixed state.

Early signs of motion sickness include pallor, restlessness, and cold sweat. In later stages, nausea, excessive salivating, and vomiting occur. The degrees of symptoms that result from an acute exposure to provocative stimuli vary with the intensity of the stimulus and one's susceptibility to this condition.

About one third of the population is highly susceptible to motion sickness, a third experience it in fairly rough conditions, and another third become sick only in extreme conditions. Selected groups seem particularly susceptible; including children aged 3 to 12 years, people who experience migraine headaches, and women, particularly during menstruation and pregnancy.

Prevention Is Better Than Cure

Various precautionary medicines and devices are available these days to fight sea sickness. Some work well for some people and not so well for others. If it's your first trip it might be a bit of a "hit and miss" situation, but one of these should do the trick:

1. **Diet** - to start off with, eat "safe" foods for about a day before boarding (nothing acidic, spicy or fatty) ... and don't over indulge (food/alcohol). Eating a light "safe" meal before you board will also help reduce the risk and/or effects of seasickness. [Ginger](#) is a great choice!
2. The motion sickness **patch** is probably the most popular these days - to be placed behind your ear 4 hours before boarding and changed if necessary after 72 hours. This is quite an effective way to prevent seasickness but causes things like a dry mouth and blurry vision. Better to be thirsty than sick, though! The active ingredient, scopolamine, is absorbed through the skin.
3. **Over the counter medication** (usually causes some drowsiness) - to be taken 1-2 hours before boarding. The most recommended are pills with the active ingredient meclizine (less-drowsy *Dramamine*, *Bonine*, *Antivert*), then pills with the active ingredient Dimenhydrinate (*Dramamine* regular). *Marezine* (cyclizine) and *Stugeron* (cinnarizine) seem to be less sleep inducing than all of the above. Other popular antihistamines (*Benadryl* - diphenhydramine based) also work for some people. (**Money saving tip:** ask your pharmacist for the generic version of the medication you wish to take.)
4. **Homeopathic medicines** - *Trip Ease* should be taken 2 hours before boarding but also works if you're already feeling seasick (contains 6 natural active ingredients and has no drowsiness or other side effects); or *Sea Sik Oral Spray* to be sprayed under your tongue 3 times a day or more if needed (contains 7 natural active ingredients and has no drowsiness or other side effects). *On The Move* capsules (contains ginger root, licorice root and cayenne) also help alleviate motion sickness and can also be used to combat headaches.

5. **Acupressure bracelets** - a drug-free product causing no side effects - the motion sickness band is worn one on each wrist for the duration of your trip. Some contain small magnets, others just a stud, which should be aligned with a pressure point (P6) on your wrist and pressure applied periodically. This won't work very well if you "miss" the pressure point.
6. *Motion Eaze* **natural oil** - to be applied behind the ear and is absorbed through the skin. Also effective if feeling nauseas already. No side effects.
7. The electronic, drug-free motion sickness **ReliefBand®** is worn on the wrist, a kind of motion sickness watch. It emits low-level electrical pulses to avoid and treat motion sickness by calming the stomach.

**For children, elderly folk, those using other medication, pregnant or breast feeding women - it's best to consult your doctor before taking new medication.*

To The Rescue!

Should you have forgotten to swallow, stick, rub or sniff your chosen anti-sea sickness remedy or the seas are extremely rough and you suddenly start to sweat, turn pale, salivate and have a general feeling of discomfort, hopefully your brain will recall the file in which you stored the following information and you can still enjoy your cruise until you find your sea legs:

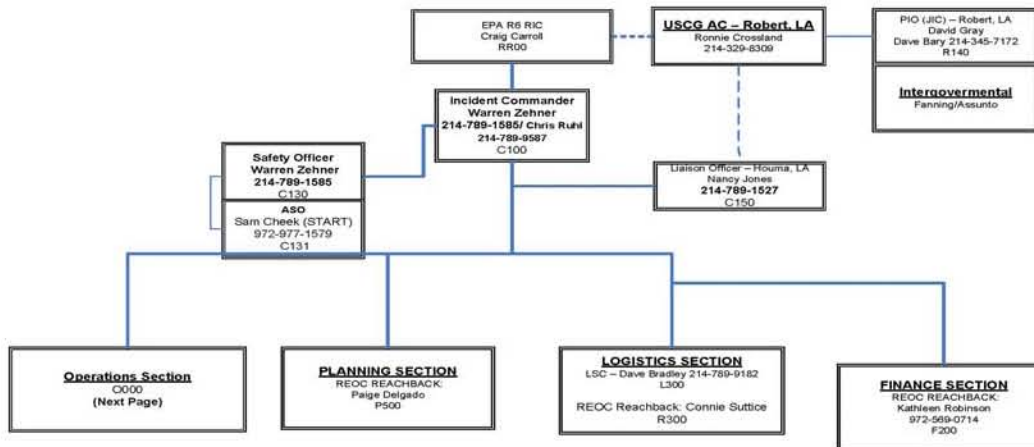
DO:

1. Look out the window (or better yet, go onto the deck and to the centre of the ship, facing forward) at a distant, stable object, like the **horizon**. The centre of the ship, close to the waterline, is the most stable part of the ship.
2. Use a **fan** or listen to some **music**... this will get your mind off things.
3. Eat some **salty snacks** with regular intervals to help dry up your stomach.
4. **Relax** if you can - lying down and closing your eyes might help.
5. **Ginger** is a natural remedy to general nausea and sea sickness. Drink ginger beer or tea, or eat fresh ginger, a cookie or suck on a ginger sweet (like Gin Gins) to help combat your green cheeks. Try Sailor's Secret, a branded ginger capsule or Quesy Pops, popsicles containing essential oils from natural herbs and aromatherapy in ginger flavor but also others like lavender, peppermint, etc. Any ginger product is most effective if taken before boarding.
6. **Some motion sickness medicine** (e.g. Dramamine patches) may help to reduce the nausea at this stage. Maybe one of the most effective if you're severely seasick and vomiting, are heavy duty Phenergan Suppositories.
7. Bitters, mint, citrus, apricot juice, carrot juice, unroasted pumpkin or squash seeds, parsley and peppermint tea are also said to help combat sea sickness but there doesn't seem to be much proof out there.

DON'T:

1. Read or watch television once the sea sickness has kicked in, it will make you feel worse.
2. Drink big gulps of water. Tiny sips at intervals are better.
3. Face backwards (you'll continue to become nauseous and feel worse)!

Deep Water Horizon Oil Spill Command Org Chart



Deep Water Horizon Oil Spill Operations Org Chart

Date: 5/12/2010
Operational Period:
5/12/2010, 07:00 Hours -
5/ /2010, 07:00 Hours

Plaquemines Shipping Address
The Venice Inn Motel
42680 Hwy. 23 Venice, LA 70091
Local: 504-534-7424
Fax: 504-534-7424
Marge Fitzgerald: (225) 247-2264
Hotel Email: veninn@bellsouth.net

Chalmette Shipping Address
At LDEC
201 Evans, Suite 420
Harahan, LA 70123
Contact David Bordelon or Lupe
Cavazos: 404-406-2813

